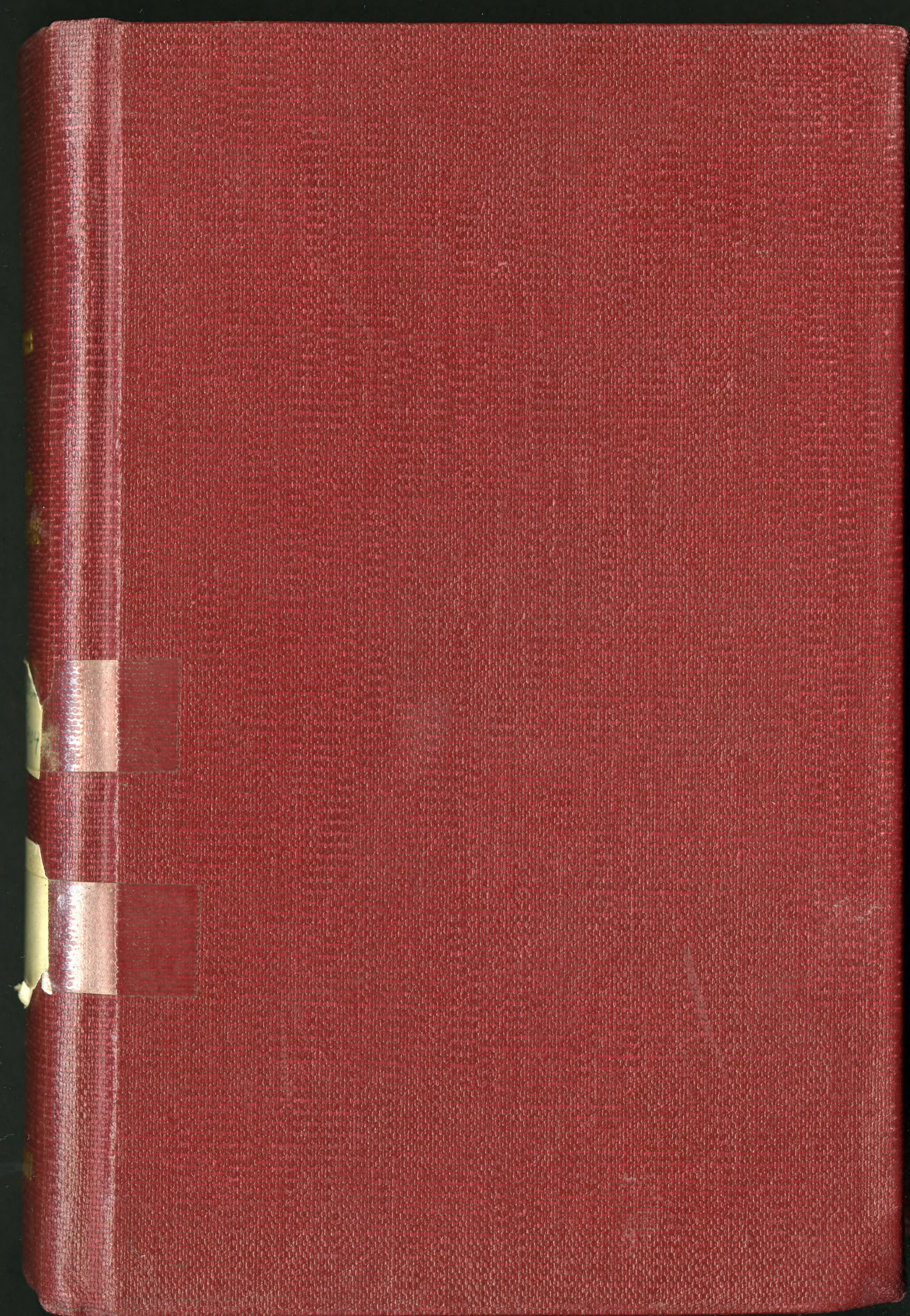




To rebind
to take out journal 1893
Part no 1-699 first

Spine to read
Cultivated
~~grasshopper plants~~
1 - 11/00
~~1899 - 1904~~

Omit Field notebook

Rose Field note book Misc.

Red Lodge was reached 11.50 A.M.
July 24/93.

This is a small town of some
500 inhabitants. Here are located some
rich coal mines from which about
30 car loads are taken each day.

The valley is here perhaps a mile wide
and on each side are high bluffs
which reach 3 to 300 ft in heights

Altitude of Red Lodge 5500 ft

The valley except where it is
irrigated is almost devoid of
plant life. A few things however
were noted. July 24

Campanula rotundifolia
Pentstemon ~~macrocarpus~~
Gaillardia aristata
Chrysopsis villosa

On the eastern bluff the following
species were noted July 24

Senecio
Physocarpus Joneyi
Chaenactis Douglasii H & A.
Achillea Millefolium L.
Aster Sibiricus L.
Eriogonum
Gaillardia aristata
Eriogonum
Leptostachya multifida Nutt.
Carex Sandwicensis
Muscium trachyspermum
Artemisia tridentata Nutt.
Amelanchier alnifolia
Phacelia cuneata
Albium reticulatum
Cassia linearifolia
Apocynum androsaemifolium

July 25 Collected in west fork canon
and on the mountain west of canon.

The top & side of the mountain was
covered with two species of pine

P. flexilis var

P. contorta var?

also a cedar *J. communis* L

The whole mountain side especially where the forest
had been over-run with fire was covered

with
~~Chama~~ *Epilobium* *speciosum* Lam.

Thalictrum *Fendleri* Engelm.

Saxifraga punctata .

Alnus incana var. *viridescens* Watson.

July 26th collected in the valley + swamp
not above the town

Calceolus Gunnisoni Watson

Angelica Lyallii Watson

Asmonhiza nuda Torr.

Berberis aspera

Castilleja parviflora Bong.

Lupinus

Populus angulatus

"

Saxifraga oppositifolia L. + B.

Balsamorhiza sagittata Nutt.

Lupinus parviflorus Nutt.

Veronica Americana Schwein.

Epilobium spicatum Lam.

Silene

Monarda fistulosa

Rudbeckia laciniata L.

Helianthus petiolaris

Spiraea betulifolia var. corymbosa Wats.

Potentilla gracilis

Comandra pallida A. D. C.

July 27 collected in the valley & and
on hill sides above the town some 6 to 8
miles. The following are some of the
plants noted

Arnica cordifolia Hook

Rubus *stigosus* Michx

" *nutkanus* Moench

Arnica foliosa

Baylunum *Americanum*

July 28 collected in the west fork canon
mostly along the mountain stream, some
10 miles above the town

Parnassia palustris L

Ribes aureum Pursh

" *lacustre* var *parvulum*

" *diversicolum* var *virgatum* Gray

Thalictrum

Two spec. One identified in the
manual. The flowers are maxillary
leaves the leaves small

Geranium coccineum Nutt

Solidago missouriensis Nutt

July 29 collected in the main canon
and mountains some 10 to 12 miles
south of the town. Also in the
valley below the town about one mile.

Aug 2 1893 left Red Lodge
for Coeur d'Alene

At Basher Ranch on Clark's fork
noted *Apenia missouriensis* which
was observed all along the flume,
Eleocharis leucocarpa Nutt.

which was also observed 203 times
on the way

Rhus aromatica var *trilobata*
Sarcobatus vermiculatus Torr.

Spent the night at Clark's old. Nyo.

noted *Malvastrum coccineum* ~~humifolium~~ ^{Gray}
Ribes oxycanthoides L.

Had dinner at Eagles Nest -
In Alkali Springs saw
Ranunculus

Reached Coeur d'Alene about 5 o'clock Aug 3
Along the River (standing water) noted

Rhus aromatica var *trilobata*
Xanthoxylum canadense Mill
Verbena frutescens
Sisyrinchia leucostachya Pursh

Arrived at Marquette Nyo Aug 4/93

Lygodesmia juncea Don
Abronia macrantha Torr.
Oenothera abbreviata Nutt.

Camp No 1. Belknap Ranch.
Sunday ~~afternoon~~ Aug 6

Parnassia parviflora Wb.
Oxybaphus angustifolia Sweet.

Stinking water below Bob Cat
Camp on the ~~lower~~ creek.
Reach Sunday Aug 6 1883
Altitude 6600 reading morning of Aug 7th

Glycyrrhiza lepidota
Lactuca pulchella
Epilobium coloratum
Actellia multiflora
Phacelia cucurbitaria
Lygodesmia juncea
Lentana calycosa Sweet
Cercis Dumoultii Gray

Camp 3 on the Esplanade 12 miles
from camp 2, Altitude 7400. reached
about sunset Aug 8 1883

Three poplars seen along the
river. The willow like leaved one was
fresh. The only one seen but the
the small round leaved & the broad deltoide
one - *Salicomonst*
Populus rotundifolia

<i>Barbarea repens</i>	{	<i>Epilobium speciosum</i> Torr.
<i>Fraxinia vesica</i>		<i>Balsamorhiza sagittata</i>
<i>Physocarpus</i>		<i>Artemisia tridentata</i>
<i>Comandra pallida</i>		
<i>Abies ^{concolor} concolor</i>		
<i>Pinus flexilis</i> Var.		
<i>Oxyria digyna</i>		
<i>Sambucus</i>		
<i>Shepherdia canadensis</i>		
<i>Ranunculus Virginianus</i>		
<i>Eriogonum umbellatum</i>		
<i>Eriogonum compositum</i>		
<i>Aster glaucus</i>		
<i>Rosa</i>		
<i>Amelanchier alnifolia</i>		

Camp 4 reached the afternoon of Aug
7th. The camp is about 2 miles
from the head of the Lake and
the Divide.

We had a hard frost with ice
last night.

Altitude 9000 ft.

Fragaria vesca is common

Helianthus " " "

Erigeron " " "

Silene Douglasii

Pinus contorta var. *murrayana*

Cercus scariosa Gray

Populus balsamifera var. *complanata*
" *hemisphaerica*

Phleum pratense

Polentilla glandulosa

Shepherdia canadensis

Polentilla gracilis

On the way to Camp 5 about one mile
above Camp 4

Juniperus nana

Pedicularis racemosa

Saxifraga punctata

Delphinium

Mistle *pentandra*

Abies subalpina near the divide

Camp 5 near the foot of the yellow stone
cliff crest. Reached Aug 10th

Camp 6 near Yellowstone Lake
Reached Aug 11

Camp 7 over the divide beyond Coulter mountain,
Altitude 10000. Reached camp Sunday Aug 12.
At the base of Mt. Humphreys

Camp 8 on Colubine creek near the center.
Aug 15

Camp 9 on Clear creek near the base of Grizzly Peak
Aug 16

Camp 10 on east fork of Pelican near the
head. Altitude 8500. Aug 17

Camp 11 on Lamar creek ———— clear for
the ash line Alt Aug 18

Camp 12 on Cache creek near its mouth.
Aug 20

Camp 13 on Soda Butte to north peak
of park. Alt 7500. Aug 21 & 24

Rained the night of Aug 21 & morning Aug 22.

Aug 24 we retraced our route 11 miles to
Doubt Well on the Soda Butte Road. Then we ascended
the Confluent creek to the divide and crossed
over to Cache creek. At the divide I ascended
the mountain ^{the Thompson} to the right to the height of 9
some 9000 ft high.

We descended Cache creek to the north
fork which we ascended to ^{about 1 mile above the} ~~head of the~~ ^{the} ~~head of the~~
line where we camped. The camp is

Aug 25. The day has been clear &
warm.

Camp 14. Alt 7500

Aug 26 has been warm but very windy. I ascended
the mountain to the north and worked along the
range to reach the head of the creek.

Aug 26 worked the range south of the camp.

Plants noted — Yellowstone Park

161

Claytonia Chamissonis

Linum perenne

Achillea millefolium

Gentiana serotina

" Arnica montana

Ranunculus hyperboreus var. natans

Sedum Rodanthum

Gayoffhyten racemosum

Veronica Americana

" Alpina

Valeriana edulis

Geum macrorrhizum

Sedum Douglasii

Eriogonum caespitosum var. integrifolium

Eriogonum fasciculatum

Prunella concolor var.

Fragaria vesca

Composita rotundifolia

Eriogonum compositum

Eriogonum bellatum

Drumstick no name

Ephedra latifolia

" coloratum

Artemisia tridentata

Sedum spectabile

Sedum decumbens

Delphinium Douglasii

Polemonium gracile

Erigeron lugens?

Arnica longifolia?

" canadensis

Lupinus Platanensis

Astragalus hypoleucus

Spiranthes Romanzoffiana

Isotria medeoloides

Pedicularis Groenlandica

Troximon gracilis

Barbarea repens

Calochortus Nuttallii

Ligustrum

Betula nana var. sagittata

Antennaria plantaginifolia

Heracleum lanatum

Thalictrum amplexicaule

Oxyria digyna

Spiraea umbrata

Polemonium confertum

Smilacina elaeagnifolia

Mercurialis oblongifolia Don

Bryanthus confertiflorus Gray

• *Hieracium gallicum* Hook.

Saxifraga hypnoides

Monarda Jamesii J. & G.

11

Betula glandulosa Michx.

Plants collected by others
cultivated
by
J. N. Rose.

1897

1903-1904

C.1. ✓ *Trad. Ohioensis* Raf
Sent by H. Hurlow Indusky
Texas April 6 1897
roots planted in Green House
Dft Aug. April 7.
One spec. put in press for Herb.
One bud desecrated & put in bottle

C.2. ✓ *Tradescantia*
2 Spec. received April 5 -
flowers pink
Spec. put in press.
H.P. Allwater San Antonio Tex

C.3 *Trad.*
Sent with no 1.
flowers pink
Spec for herb & fl. & fruiting

C.4 = no 3 *Tradescantia humilis* Rose
but flowers blue

2
C.5 = 1159 *Tradescantia*

Large package containing 100 or
more specimens sent by Otto Locke,
Braunfels Texas was received April
14/1897. The flowers are blue white
& red. A curious plant of which
we have nothing in the collection

Just a number of specimens were
prepared for the Herb & others
sent to Bot Gard. sent several

fine flowers come out soon!
C.6 *Tradescantia*
Tradescantia anomala also came
with the above specimens of which
have been sent to Mr. Oliver.

C.7 *Tradescantia*
8 sp. sent from Ft San Houston
Texas by Geo Paddock April 19/97
and put in press for herb sp's
flowers blue & pink

C.8. Came with C.2

C⁹ = 1143

Tradescantia brevifolia

C¹⁰ = 1142

Commelina

C¹¹ = Evermann no 670.

Tradescantia from Baldwins Lodge Miss

Several specimens received April 26/97

Some cuttings planted in Greenhouse.

plants look much like specimens
collected by Ward in Ala.

C¹² *Tradescantia gigantea* Rose
= C⁵

fine specimens sent April 21/97
by F. B. Schaff from School District -
Texas.

Plants in press

C¹³ *Tradescantia*

Specimens came with C¹²

Roots for Greenhouse

C¹⁴ *Tradescantia Ohiensis* Raf.

849 Plants sent by B. M. Evermann

Probably from Texas - April 1897

plants for Herb. roots for Dept. Agr. & Bot. Gard.

C¹⁵ *Tradescantia micrantha* Torr.

Cuttings from Corpus Christi

C¹⁶ = 1142

Tradescantia brevifolia Rose

Cuttings from Corpus Christi

C¹⁷ *Tradescantia scopolorum* Rose n. sp.
E. Bethel, Denver Col June 1893

C¹⁸ *Commelina communis*

Katherine A. Taylor Baltimore Md 1896

C¹⁹ *Commelina*
with C¹⁸

C²⁰ = su 1143

Commelina

C²¹ Tradescantia
Several specimens from
H. D'Albini Maricopa Texas
April May 8/97

C²² Tradescantia
Specimens received May 11. /97
In bad condition destroyed

C²³ Tradescantia
4 plants from High Grade north
of Kerrville Texas sent by
Geo Peddock

C²⁴ Tradescantia humilis. Rosa m.

C²⁵ Tradescantia

- 701 Tillandsia benthamii
 702 Manfreda
 703 Sedum ~~denudatum~~
 704 Echeveria
 Ded
 705 Echeveria glauca
 706 Altamirana
 707 Sedum
 708 Tillandsia
 709 Sedum 1 dead destroyed
 fls yellow
 710 Tigridia
 711 Altamirana bolisii
 dead Oct 1903
 712 Tilladia

Cactus above Santa Fe' Mex. Aug 22/903

"

"

"

"

San Angel Valley of Mex Aug 21/903

Elal farm

"

Aug 20/903

- 713 *Begonia*
 714 *Sedum*
 715 *Portulaca*
 716 *Talinum*
 717 "
 718 *Tillandsia*
 719 "
 720 "
 721 "
 722 *Cissus*
 723 *Talinum*
 724 *Cissus*

Root

flowered Jan 1904

- Thalpan Valley of Mexico Aug 20, 03
 Gardens at San Luis Potosi Aug 18, 03
 Thalpan Valley of Mexico Aug 20, 1903
 " " "
 " " "
 Yantepec, State of Morelos, Aug 27, 03
 Guadalupe, Valley of Mexico, Aug 24, 03

725 *Oxalis*

726 *Telium*
= 8063

727 "

728

= 8064 bulb

729 *Anthericum*

= 8065 lily root flowered April 1903, June 06

730 *Portulaca*

= 8066 ~~726~~

731 *Fragaria*

= 6746

732

Cochlearia

733 *Alchemilla* *lanceolata*?

734 *Telium*

735 = 6733 *Sedum* *rupestris*?

736 = 6734 *Sedum* *fruticosa*?

Belton Pacheco + Red Hat Monte Aug 31

Notes about Pacheco

Sept 1

Afr.

737 *Cheveria elegans* Rose

738⁼⁶⁷³⁶ *Altamirana elongata* Rose

afr.

739 - Dec-1910

(8058) *Cactus* Melby = ~~80~~

740 *Echinocactus grandicornis* Schum.
" and with angled stems (2)

741

Cactus about 10 spreading spines
2' long - 10' across

742

743 *Hectea*

=8067 *Cactus* spines erect & spreading

744 *Sedum* monanthum

745 *Tillandsia*

746 *Tillandsia*

747 *Senecio*

748 *Cheveria secunda* Dec-1910

Mts above Pachuca Sept 1

Between Pachuca & Bel del Monte Aug 21

Tehuacan, State of Hidalgo, Aug 30. '03

Hills of Guadalupe Aug

Mts above Pachuca Sept 1

749 *Eurcraca*
= 6743

750 *Sedum napifolium*

= 6817

Apr. New Brandy. Mex.

751 *Sedum* *proaltum*?

" *leaves broad*

752 " " ?

1 dead destroyed

753⁴ *Sedum* *moranense*?

754³ *Altomeria* *balnei*?

Mex. Brandy ~~New~~

755 *Sedum* *oxyptala* Hook.

756 *Coleura* *scheerii* ??
25%

757 *Coleura* ~~like~~ *like* *like*

758 *Hymenocallis*
bulbs

759 *Cactus*

760 *Agave*

Between Pachuca & Real del Monte Aug 31

Hills above Toluca, State of Mex. Sept. 4.

[This number seems to have been
misapplied to another plant. It is probably
not from Toluca]

761 *Zalium*

762 *Peperomia*?

763 *Oxalis*

764

lily family

765 *Tradescantia*

766 *Sedum folium?*

767 *Cheilanthes simulans* Rose

768 *Sedum* *Lenophyllum acutifolium* Rose

769 *Sedum*

770 *Commelina*

771

772 *Tradescantia*

Mts. near Monterey Calif. May 1893

Hill east of San Jose Sept 6/1893

773 *Colletes* (?)

774 *Tillaea concolor*

775 *Sedastrium incertum* Rose
near Afr. Brandy. Pringle

776 *Talinum*
 = ~~805~~ 8057 *Specimen May 185*

777 *Cact.*

778 *Agave magalensis*

779

780 *Equis.*
Strophilium

781 *Selen.*
sp. n.

782
Orchid

783 *Arethusa*
 6857

784 *Nopalla*
destr.

Specimen returned 12/13/09 under NYBG no. 19240
 - Rose #775, Valley of Mexico

On Pedregal near Cuernavaca Sept. 10

In Barranca

Pedregal Sept 9+10

785 *Cereus*
Ded.

786 *Sclaginella*

787 *Cissus rhombifolia*

788 *Begonia*
= 6898

789 *Echeveria*

790 *Echeveria crenulata* Rose

791 *Tillandsia*

= 8069

792 *Tillandsia*

= 8070

793 *Tillandsia*

= 8071

794 *Tillandsia*

= 8072

795 *Tillandsia*

= 8073

796 *Sedum painteri* Rose sp. nov.
Sedum kerueleyana N. Y. M. p.
Brandy, Apr

Pedregal near Cuernavaca Sept 9+10

Barranca near Cuernavaca Sept 8

797 *Echeveria crenulata* Rose sp.

798 *Hymenocallis*

799 *Crinum*

800 *Tradescantia*

801

Black bulb

802 *Besseria*
= 6854

803 = 6909
Araceae

804

Arisaema

805 *Calochortus*
= 6842

806 *Talium*
= 6936

807 *Tillandsia*

808 *Fouquieria*

~~Barranca~~
~~Pedregal~~ near Cuernavaca Sept 8-10

Pedregal

Sept 8-10

Pedregal East of Ajusco, Sept 8. 1903

Barranca Cuernavaca Sept 10. 03

Pedregal

Sept 10

- 809 *Furcraea*
- 810 *Allomaria*
- 811 *Dahlea*
- 812 *Manfreda*
- 813 *Spekalia*
black bulbs only flowered June & Feb 1903
- 814 *Commelina*
- 815 *Echeveria*
- 816
white moth
- 817 *Echeveria maculata*
1 seed Oct 1906
- 818 *Sedum calcenatum* Rose
= 7114 N.Y. Mrs. Brady New. Cif.
- 819 *Sedum*
= 7115
- 820 *Villadia parviflora* Rose Brady N.Y.
= 7116^{na} (820^a N.Y.) + (820^b N.Y.)

Yato above Salazar Mt Sept. 14/1903

Near El Salto, Hidalgo, Sept. 16, 1903

821 Cactus

822 Cactus

Died

823 ⁴Echinocactus ^{Corymbosus DC.} platyacanthus
= 7093

824 Echinocactus

825 Tillandsia

= 8074 leaves very narrow

826 Tillandsia

= 8075

827 Dahlia

828

829 = 7129

830 Cactus

831 Echeveria ^{Comida} ^{Died - 1910} ^{gracilis DC.} ^{flowered Jan 4/1923}
= 7105

832 Tradescantia

Near El Salto, Hidalgo, Sept. 16, '03.

Near Eclava,

Sept. 17, 1903.

Cima, Mex Oct 15/03 47.54119

833 *Altemneria*834 *Cochlospermum mucronata* Schlute.
Ded-1910835 " *Secunda*836 *Dahlia*837 *Tillandsia*838
Cremnophila nutans Rose ^{R^H} (Photo ^{Spec} ^{n^o 134})839 *Sedum longipes* Rose *Brandy Afr.*840 841 842 843 844 *Echiandria paniculata* Rose *Type*El Parque Morelos Sept. 2/1903.
LHB Root, Kew

frutescens Rox. n. h.

845 Sedum ~~oxypetalum HBK~~
Dec-1910 Kew

846 ~~Lycopodium~~

847 ~~Lycopodium~~

848 ~~Lycopodium - speciosum~~

849 Agave reticulata

850 Oxalis

851 Sedum oxypetalum

852 Alternanthera
dead

853 Alternanthera

854 Villadecia

855 Cuscuta 1 dead destroyed

856 Tillandsia

On pedregal north of La Pargue

Islands de San Salvador Sept 23/1913

857 *Tillandsia*

858 *Mammillaria jaliscoensis* Hb. M.J.

859 *Cypripedium*

860 *Cypripedium*

861 *Tillandsia*

862 *Brassia*

Brandy

863 *Maifeda*

864 *Calochortus*

865 *Begonia*

866 *Orchid*

867

868 *Bromelia*

1864 Blanca Jalisco Hb. J.D.

869 *Argemone Douglasii* Moench.

870 *Echeveria pringlei* Rose

ms.

H. June 1912

871 *Coccoloba*

872 *Salvia*

Flowered April 1906.

873 *Passiflora*

874 *Passiflora*

dead April 1917

875 *Passiflora*

876 *Hechtia*

, destr.

877 *Passiflora*

=8076 *Passiflora*

878 *Talinum*

=7418

879 *Passiflora*

permanently dead

880 *Passiflora*

Alr.

Barranca de Guadalupe Sept. 28/29

881 *Callispermum*

882 *Filago*

883 "

884

885 *Monarda*
fruticosa

886 *Scrophularia*

887 *Ornithogalum*

888 *Scilla*

889 *Scilla*

890 *Scilla*

891 *Scilla*

892 *Oxalis*

1 dead Jan 1905

River Bluffs

Sept 30 1902

893 Cereus

Dead

1 living 5-18-15.

894 Prochyanthes

Dead April 1907

895 Manfreda

Dead April 1907

896 0

Orchid

897 Laelia albida Batem.

Orchid = 7586

898 Sedum

899 ~~Sedum~~ *Sedastium* *chalapense* (Wats.) Rose
+ *chalapense* (Watson) Rose
n. y.

900 Aissus

901 Manfreda

902 Phaseolus

903 Echeveria

Flowered 1927 & photographed in 1927

904 *Tephrosia* *concolor* Watson,
flowered April 1903

Etzatlán, Jalisco.

Oct. 2, 1903.

Chapala, Jalisco..

Oct. 5, 1903

In garden of Museo Nacional City Mex^{Oct} 1903

Agua Caliente

Oct. 9 / 1903

905 *Jatropha*906 *Baccharis*907 *Cactus pringlei*908 *Cactus*909 *Echeveria subrigida*

LHB.

910 *Echeveria maculata*
= 7866911 *Altamiranoa*
= 7868 dead Oct 1903912 *Sedum heterophyllum*
" *diversifolium* R. & S.913 *Bravoa geminiflora*914 *Manfreda*
= 7869915 *Sedum*916 " *bougaei* Hemsey
7992 dead

near Tultenango, Mexico, Oct. 13, 1903

- 917 *Albomurens*
= 7993
- 918 *Colemania bymesii* Rose
= 7991
- 919 *Agave*
- 920 *Colemania*
1 dead destroyed
- 921 *Sedum diversifolium* Rose *Afr.*
ms. *Brandy. Afr.*
- 922 *Tradescantia*
- 923 *Colemania*
- 924 *Lophophyllum weinbergii* Britton
- 925 *Sedum monanum*
- 926 *Crassula gas miflora*
- 927 — (Cactus)
Dead (lost) 100%
- 928 *Lophophyllum lassei* Rose

Santa Fe

Oct-19/1913

"Cracks of rocks on high mountains in the north
eastern part of Mexico near Coahuila, ^{J. D. McDowell} Howell.
41670 Mexico Mus. Britton 1896
from type loc.
41625 NYB & - Simon 1907

J. D. McDowell City of Mex
Luzerne (State of)
= part of 410 drawing made from this
plant.

929 *Courantia*

1 destr.

930 *Echeveria rubromarginata* Rose

Dead ny.

LHB. Br

Brandy Afr.

931 *Villadecia parviflora*

932

Cactus

933 = *Sedastium humileyanum* Rose n.g.

Brandy Afr.

934 *Dudleya*

75%

935

"

cymosa ? 12-14

flowered April 1903 ny

Afr

936

Echeveria nuda Lindl.

Courantia

Brandy

937

Courantia rosea (Lem.)

LHB.

938

Echeveria

ny Br

939

"

940

Altemora

21

Dec

Orizaba, ^{Int.} On shaded rocks

Purpus 1903

" " " rocks "

" "

Zacalecas alt 8400 ft

C. A. Purpus

Int.

Orizaba

" " 1903

Jan 1904

Jackson Amador Co Cal

Jan 1 1904 E. Mullican no 90

" " " " no 91

" Along RR to Orizaba [Bily ?] Purpus 1-1904

" Inca + Rock near Esperanza Puebla 7-8 mi

" on rocks

RR between Esperanza + Orizaba City

" "

941 Sedum

942 Sedum

943 Echeveria minutiflora

microcalyx Rose.

944 — "

Chap. New Brandg. my. Apr.

945 Echeveria microcalyx Rose

946 Megophyllum

947 Agave aff. natā huachuensis
seed & flant.

948

949 Sedum

950

951 1 dead destroyed

952 Corynephyllum vnde Rose
Root 7/11/04. 7/11/05

"like no 5"

Purpus Dec 1904

"On rocks & slopes" "like 5+6"

"Te huacan" "flat rocky"

with 942

with 942

Johnson Co Ft. Revachon 1903

see letter Dec 23 1903

fort hills Santa Rita Mts Arizona Griffith 1903

1904

Purpus 20

953 *Aetamiranoa elongata* ?

954 - *Sedastrium*

955 *Pachyphyton* ~~*elongatum* Rose~~
longifolium Rose
 Kew N.Y. S.B. Br. *af.*

956

957 *Trianthia* Rose.

958

959 *Dudleya conferta* Rose

960 *Echeveria elegans* Rose
 destr.

961 *Echeveria*

962 *Echeveria* ~~*canadensis*~~ *turgida* Rose spm
 n.y. *af.*

963 *Marpesia*

964 *Sedum*

Purpus

Purpus

1904

Trianthia Rose

Dudleya conferta Rose

Echeveria elegans Rose 1881 1901
 737

Echeveria is a common at Tuxtepec Jalisco
 has Hart Schaff (Purpus) 1902

Vesca *caespitosa*, Purpus
 Feb 20 1904

Marpesia *canadensis*, Purpus

Metcalf Oregon Ints N.M. March 1904

965 *Echeveria cuspidata* Rose

966 *Dudleya*
Ded-1910 "Thick broad leaves" 4-5 ft

967 *Dudleya*
"Thin broad leaves" 4-5 ft

968 *Dudleya*
"Thin broad leaves"

969 *Echeveria pumila*

970 *Jatropha spatulifolia*

971 *Dudleya*

972 *Dudleya nevadensis* B. & H.?
Dead Oct 1915 4 ft. flowered April 1913

973 *Dudleya Hallii* Rose?

June 1913

974 "

975 *Dudleya compacta* Rose

976 *Sedum teleseii* Rose nsp

E. A. Purpus 2000 ft. 2000 ft.

Borda Cal. F. H. Halfole March 11/1904

" "

Rio Gardens March 29th. 1904

Kingville Texas Dr. J. M. Ferguson 1904

Alum Rock Park near San Jose Santa Clara Co
Cal. A. D. Heller March 31 1907

Cavaraugh Butch near Alamo
A. D. Heller Santa Clara Co Cal [April 8]

Glendale to Burbank (Bliss Ranch) Los Angeles Co Cal.

E. Brainton (20909) April 1903.

"

"

"

Angie Island near San Francisco 1904
Earle M. H. H. H.

Dr. W. H. R. Release Tehuacan Mex 1904
130 04
19

977 *Cactus Carnea*
 fts 781 - 15 ft m Bot Gard 1 Ag. Dept.

978 *Sedum*

979 *Sedum dendroideum*

980 *Pachyphytum bracteatum*

✓ 981 *Echeveria scaphylla*

✓ 982 *Echeveria magnifica*

✓ 983 *Echeveria retusa*

✓ 984 *Cotyledon adunca Baker*

✓ 985 *Echeveria clavifolia*
 Ded-1910

986 *Echeveria ligulifolia*

✓ 987 *Echeveria imbricata*

✓ 988 *Echeveria petersdorfii*

Zomellin Canon Rosaca Mex 1899
 dead & preserved

J. A. Heller Los Angeles? Cal

Honey Station April 29, 1902
 C. G. Pugh Hidalgo Mexico (Heller?) May 2/02

A. Berger in cultivation in Italy.

989 "Echeveria blanda"

✓ 990 "Echeveria ~~fulchella~~ ^{mx} Berger
 (spec. Dead 10/69) Sept 1912 Apr.

991 "Echeveria stolonifera" Sept 1912
 Howard Sept 1926

✓ 992 "Echeveria utinkii"

✓ 993 "Echeveria ~~brida~~ racemosa Sehl.
 Sept 1904

✓ 994 "Echeveria coccinea"

✓ 995 "Echeveria schiedeckeri" Sept 1904

✓ 996 "Echeveria opalina" (2 specimens)

✓ 997 "Echeveria fiskeri"
 Dead

✓ 998 "Echeveria pusilla"

✓ 999 "Echeveria globosa" Sept 1900

✓ 1000 "Echeveria funkii"

A. Berger, in cultivation in Italy

(= NYBG Gard. 20468)

11001 "~~Echeveria~~ *edulis*"
Stylophyllum edulis Roe (2 specimens)

11002 *Dudleya lunda* ?

11003 *Dudleya pulverulenta*

11004 *Stylophyllum vicidum*

11005 *Echeveria goldmani* Roe LHB.
Br *Cypripedium* Brandy. Afr.

11006 *Cactus monacensis* ?

11007 *Rhipsalis caespitosa*

11008 *Cypripedium*

11009 *Sedum* ?

11010 *Dudleya platensis*

11011

Echeveria

11012 " *sessileflora* Roe sp. n.

A Berger, in cultivation in Italy, 1904

Los Angeles Cal C.V. Piper May 25/04

Oceanside San Diego Cal. 1902

Chiapas, Mex. Ed Goldman May 1904
(E.G. #802.)

James H. Lamb Mt Scott Collection

Mt St Helena Cal
Alice Eastwood May 20/02

Edman 964 20 miles S.E. of Toluca
Toluca Mexico June 7/02

Edman 978 " "

- 11013 *Echeveria schottiana* Rose
 n. y. mp.
 11014 *Echeveria nuda* Lindl.
 Cauliscent - H May 24/403
 11015 " *rubromarginata* Rose
 a caulis cent flowered 1907
 11016 *Echeveria minutiflora* Rose
 a caulis cent flowered 1908
 11017 *Sedum*
 11018 *Echeveria subsessilis* Rose mp.
 11019 *Opuntia*
 11020 *Opuntia*
 11021 *Echinocereus octocanthus*
 11022 *Cactus wislizenii*
 11023 *Opuntia leptocaulis*
 11024 *Echinocereus caespitosus* Engelm.

2000 - 21. Tropica
 Goldman 1865 Chapas. Mex May 5, 1900
 11001

Orizaba Mex Frank N Meyer June 1904

Tehuacan Mex (Mo Botland to 120-04/30) release
 flowered June 1907.

Coville 1802 Near Austin Texas

Coville 1803

Coville 1804

Coville 1805

Coville 1833

Coville 1835

11025 Echinocactus texensis
Ded-

11026 Sedum

11027 Lenophyllum pusillum
Cory

11028 ~~Sedum~~ *Sedum oppositifolium*
Brandy Apr

11029 Gormania ~~laxa~~ watsoni

11030 Gormania ~~laxa~~ *laxa*

11031 Gormania laxa

11032 Oreobroma howellii
dead 1904

11033 Sedum
dead 1904

11034 Sedum ciliosum

11035 Gormania laxa

11036 Echeveria pumila VanHout
Ded Ded

Brandy

1904

29

Coville 1001 Near Austin Tex

OB Metcalf, Black Range, N. Mex. 6/14/1904
Alt 9,000 ft.

Said to have come from Mexico

LHB.

Frank Thompson 1904

Said to have come from Mexico but probably
not

Mt Grayback, Ore. June 15. C.V. Piper

" "

1
Dallar Mts., Josephine Co., Ore. June 12 C.V. Piper

" " June 15 "

Near Wilderville, Ore. June 11, C.V.P.

" " "

Mt Grayback, Ore. June 15 C.V.P.

Deportment of Parks through Dr. Britton 1904

*Echeveria*11037 ~~*Calydon fulcra*~~
(Rost)11038 *Sedum stenopetalum* Pursh.
+ dead Oct 1903 5 specimens

11039 Cactus

11040 *Dudleya* grad
88% Leaves all green 11 + 6 specimens11041 *Dudleya cymosa* ?11042 *Echinocereus*11043 *Opuntia*11044 *Opuntia*11045 *Oreobroma howelli*
dead March 190311046 *Gormannia oreganum*
dead Jan 190311047 *Aneides nudiflorum*11048 *Echeveria* ^{Coccon D.C.}

"Kew 1902" through N.Y. Bot. Gard. (No 15667) 1904

Cassells, Colorado. Miss E.W. Cathcard.
June 1904.

" "

Miss Ruth Bogue Pomona Cal. June 1904

Sutter Creek Amador Co. Cal.
Braunton (1013) June 1904

Near Emma, Texas, F.V. Coville 1844

June, 1904.
" (F.V.C. 1845)

" (F.V.C. 1846)

Mt Gray Back Josephine Co. Or. C.V. Piper

Washington " 1904

Introduced about Thomasville Ga.

Sent by Mrs Taylor 1904

Mexico G. Pringle
30 June 1904.

11049 *Sedum ternatum*

11050 *Dudleya humilis* Rose

11051 *Phlox* ~~*barbata* Lindl.~~
racemosa Schl. Afr. Brandy.

11052 *Sedum*
Ded-1910

11053 *Sebastium*

11054 *Echinocereus poly cantha*

11055 *Opuntia leptocaulis*

11056 " *"engelmannii"*

11057 *Sedum*

11058 *Opuntia*
Ded-1910 *polycantha biciflora*

11059 *Opuntia*
"comarckia"

11060 *Opuntia*

Mc Calls Ferry Pa. *J. R. R.* 1907

From hills west of Towales Bay Maricao Cal
Miss Castwood July 1907

Fuchsia *flamingo* 1907
Cult. S.D.

Printed at *English* *W. R. R.* *Cal.*
= *W. R. R.* 2001

Santa Maria del Rio State of Son-Luis Potosi
Dr E Palmer July 1907

E O Norton near Hillstrad N.M. 1907

Norton no 3004

" between " & Hopkin Mill "

Nortons no 3003

" " " "

Norton no 3002

Mexico = 1060 Balsman

Norton no 3006 near Magdalena N.M.

7-20/14

Dampy well 7-20-14 Norton 3007

Seco Arroyo 5 miles S of Hermosa N.M.
July 14/1907 Norton 3013

- 11061 *Echeveria obtusifolia* Rose 1 dead
 Brandy. Afr. n. y. m. p. HB.
- 11062 ~~dead~~
- 11063 *Impatiens*
- 11064 *Sedum* (dead)
- 11065 " dead Oct 1905
- 11066 *Sedum amplexicaule*
- 11067 " *albidum*
- 11068 " "
- 11069 *Opuntia filifolia*
- 11070 " *leptocarpus*
- 11071 " *longi perianthi* Engelm
~~single specimen~~
- 11072 *Cactus stellatus* ~~beaman~~ dead

C. G. Pangle Mexico July 1904
 Parrot army p. l. 1905

" " "

Near San Luis Potosi Dr. E. Palmer Aug 1904

France from old walls G. F. Pangle July 1904

" " "

" " "

" " "

Switzerland " "

Victoria Texas R. F. Spragg.
 1905

" " "

" " "

from Washburn & Co. 1905

- 11073 Cactus
- 11074
- 11075 dead at 4000
- 11076
- 11077
- 11078
- 11079 Opuntia
- 11080
- 11081
- 11082 Opuntia
- 11083 Sedum
- 11084 Opuntia

Alvarez near San Luis Potosi Dr. Palmer 1904

- Hydrocotyle 3010
- 3011
- 3012
- 3018

Black Range, N. Mex. alt. 9,000 ft. O. B. Metcalf.

Mr. Borsadani 1904

11085 *Opuntia*

11086 "

11087 "

11088 "

11089- *Opuntia*
1 destr.

11090 *Sedum?* evermanni
dead Oct 1903

11091 *Lupinus* *monadelphicus*

11092 "

11093 *Trifolium*

11094

11095 *Mammillaria elegans*
Collected - flowered Jan 1904

Whitney Creek below Crabtree meadow Tulare Co Cal
Feb 28 /04 alt 10,000 ft. B.H. Evermann.

Pueblo Aug 2 1904 Mt. San Antonio

11076

11077

11078 *Hortia*11079 *Opuntia*12600 *Mamillaria lasiocantha*11080 *Hortia*

11081

11082

11083 *Hortia* 123015 *Mamillaria* Aug 23

Anoya Hondo W.M. V Bailey Aug 23/904

1

Abbreviations .

Br = Berger

H = herbarium specimen.

- 1 Echinocactus Parryi
about 6 sp. 1 m / 1.5 L
- 2 " longituberculatus
- 3 Opuntia
- 4 Agave
- 5 Cereus?
1 S mallo sp.
- 6 Agave Thunbergii = 4222
1 m
- 7 Yucca
3 sp. 1 m
- 8 Agave
3 sp. 1 m
- 9 Echinocactus
- 10 ~~Agave~~ Bromelia (recovered)
10a " Not (or)
- 11 Agave
- 12 Agave

Sam B. Cox Chicago

May 9th 1864

El Paso 24

4 72 1.

11

C. K. Lina Lina

May 11 1881

42

1

City of Reno

May

La Haza

21

13 = 4356 Agave Cuernavacana
1 Bot Gard, 1 m.

14 Colybedon

15 = 4439 Philodendron sagittifolium Lecom

16 = 4438

17 = ⁵²⁰⁹ Cuscuta?
3 sp.

18 Hymenocallis
12 sp.

19 = 4390 ~~Melipha~~ ~~marfida~~
2 sp. 9-8-98

20 = 4423 Anagallis
3 sp.

21 = 4391 Calochortis
7 sp.

22 = 4421 Pitecuma
3074

23 = 4369 Oenothera
13 sp.

24 = 4419
1 sp.

Cuernavaca

May 28 1897

11

✓ 25 = 4401 *Oxalis tetraphylla* Baur
 4 sp. Flowered May 1900

26 = 4402 *Manfreda*
 3 sp.

27 *Amorpha* plant

28 = 4383 = *Cereus fectens* Strongman

29 4375 = *Cereus*

30 *Gomoea simulans*

31 = 4413, *Gomoea*

✓ 32 = 6390
Cestylodon glauca
 H. Sp. 7/99

33 *Agave*

34 *Manfreda*
 4 sp. - 9-9-99

35 *Toungueia*
 1 sp.

36 *Cestylodon glauca*
 H. Sp. 9-9-99

Santa Fe Valley of Mexico

Cuamavaca May 29 1897

Pachuca

June 1 1897

37

Sedum

38

Agave

Some as 4303 = Pulque Agave in Valley of Mexico

39 = 4413 Agave scolymus

18 ft. (1 m)

40

= 4247 Zephronthis

sp. ♂ 9-7-99, 1900 seeds in Oct

41

= 4477 Zephronthis

42

43

4526
Mammillaria

44 = 4507

Zephronthis oreocaulis
sp. ♂

45 = 4520

Telenium
30+ sp.

46

Commelina

47

Sedum

= 4439 + 4469

48

= 4500 Zephronthis

Pachica

1.8 ft. (1 m)

near Pedregal

June 9/99

near Pachica

Tula

June 7

49 = 4537
Corydalis flauca Baker
 9-8-99

50 *Portulaca*

51

Medicinal plant

52 *Mammillaria* (3 spec.)

Cactus elegans (de)

53 *Talanga* (several spec.)

Floral plant

54 *Echinocactus*

1

55 *Spectabilis* bulbs (10 spec.)

56 *Mam fedla*

57 = 4592 23 sp
Agave

58

Sp. Called "Chirale"

59

Cactus

60 = 6391

Corydalis nodulosa Baker
 28 Sept 99

Br

In Cultivation at Guadalupe

Along ditches

"

Near Talpam

Cumavaca

Guadalupe

Bought in the market of Oaxaca June 18

San Felipe June 17

Bought in the market
 Wash for washing the soil.

Bought along the road
 Monte Alban Oaxaca

61 ⁴⁹⁹⁴ *Echeveria pulchella* Rne. nsp.
~~Cycladen~~ ^{nsp.} ^{fl.}
9-7-99^r Flowered April 25/900 Feb 1904

62 *Sedum*

63 *Echinocactus*

64 ⁴⁶⁰⁷ *Bocconia* *costa*
12-27-99^r

65 *Cissus*
dead July 1900

66 *Agave*

67 "

68 *Echinocactus*
3 sp. fl. Sept 27, fl. yellow

69 *Mamillaria*
1 sp.

70 " *2 sp.*
4 sp.

71 " *2 sp.*

72 *Tillandsia*
1 cluster

Tomeillin Com June 13

Wash. State June 16

San Felipe June 17

near Oaxaca June 21

"

"

"

San Felipe

Las Sides near Oaxaca

"

Tomeillin

73

Cereus

74

Agave communis

2 sp.

75

Agave

3 sp.

76

Tahnum crassifolia Willd.

fl. Sept 9/1899

77

Cereus

78

Cylindropuntia

79

Cereus

80

Cylindropuntia

81 = 4993
= 977

Mammillaria

Coccinea Zucc.

flowered April 1900 + April 1904

82

Cereus

83

"

Sedum

84

"

Sedum?

Zonedale Jan 20

draft 3

85

M. ...

9-7-99 fl. Oct 22 1900

86

87

Echinylid ~~*gocconia*~~ *pubescens*

m. ...

1 dead destroyed Apr.

88

" *minutiflora* Ror

Flowered Nov 2 1899

89

Sedum

Flowered June 30 1900

90

Orchid

91

Zepharethus

Seeds and 2 bulbs

92

Agave

48p.

93

Demulmaria

94

Echinocactus

95

Mimulus

48p.

96

1.

Near Tepeachu Jan 27

Balamas Jan 26

Bought on the market at Puebla
but want to have some from Atlixco

Nov 21

- 97 Manfred
Dead Jan 1900
- 98 "
- 99 Eufhorbia
- 100 Manilla
15/1
- 101 "
- 102 = 4757 Agave
- 103 = 4746 Tequila plant
- "
- Palque plant
- 104 Manilla
- 105 = 4740 Hymenocallis
- 106 = 4782 Tradescantia
9-7-99
- 107 Manilla
- 108 "

Coxae

Legume

Bought in market at Conestoga

- 109 Ironfede
9-7-99
- 110 Mamillaria
- 112 = 70 4833 Agave Houghtii Rose
" olmou mara Reyes
- 112 = 4508 Agave
- 113 Mamillaria
7 ft 11 ft 1 ft 1 ft
- 114 Mamillaria
8 ft 11 ft 1 ft 1 ft
- 115 Echinocactus
2 ft 11 ft 1 ft 1 ft
- 116 Echinocactus
- 117 Echinocactus
- 118 Mamillaria
- 119 Agave
- 120 Agave
Vanda

Houghtal Guadalajara
Guadalajara July 9
"
"
Limonera July 11/99
San Luis Potosi

121 Agave pinnosa

122 Piper
Ded -

123 Anade
Ded - 9.7.99

124 Manfreda

125 Leucodict. Anade

126 Anade (dead)
Hymenocallis glauca
Ded - 9.7.99

127 = 4640
Hymenocallis
flowered April 1900

128

129 Opuntia

130 Agave

131

132 Orchid

Canoe

July 17/99

Canoe

Guano

"

"

"

City of Mexico
[Canoe]
Canoe

July 19

To - Mexico

H.C. State Switzerland Fr. Nov 1899
Sent to Bot Gard Nov 14 / 899. 48p
Boone & Sons Porto Rico 1899
H.C. 17

- 133 *Hymenocallis(?)* 4 bulbs
- 134 *Hy Zephramthus treata* 20 Bulb
- 135 *Tabernaemontana*
- 136 —
- 137 *Commersonia*
- 138 ⁶³⁹⁹ *Abutilon* or new genus
- 139 *Ariocarpus Kotschyana*
- 140 *Mangrove variegata*
- 141 ⁵²⁰⁶ *Tillandsia Baileyi* Bouquet
- 142 *Nyctaginia*
- 143 *Tillandsia*
- 144 *Tillandsia*

H.C. Steele Switzerland Fla 1899
Sent to Bot Gard. Dec 12 1899.

" " " " 1899
" " " " Dec 21 1899.

A. Dugas Mayac. Vera Cruz. 1899
1 pod 3 in long. Sent to Bot. Gard. Jan. 1900

261 *Palma Baccy* M. Cuba 1899
Sent to Bot Gard. March 21 1900

Seeds from Poughs No 7867
Mexico 1899

Brewer Co 24 00

Sent to Bot Gard Aug 22 1900

Malabar India - Arrive 1899
Sent to Bot Gard. May 16 1900

Corpus Christa Tex May 1900
Sent to Bot Gard May 17 1900

From A. L. Herrero, Yantepes, Mexico.
Sent to Bot Gard. Aug. 22, 1900.

" " " " " "

145- *Tillandsia*.

146 *Tillandsia aschersoniana*

147 *Tillandsia*

148 = 147

149 *Cuscut. aff.*

150 *Tillandsia*

151 *Tillandsia*

152 *Phaseolus pedatus* Rose

153 *Mamillaria*

154 ⁵²⁰³ *Hofalea albeyi*

155 ⁵²⁰⁴ *dejecta*

156 *Allium Tolmieri*

From M. W. Lyon, Venezuela.
Sent to Bot. Garden. Aug. 1900
Carlos Herckle, Santiago Costa Rica 1899

sent to Bot. Gard. Oct. 1900

Sent by Prof. A. L. Herrera City of Mexico 1900

See letter of L.H.D. Oct 8 1900. Bot. Gard Oct 1900

Sarah R. Slater, Panama Indian
Seed sent to Bot. Gard. & Dept. Ag.

Kissimmee Osceola Co Fla

Jan. 25 1907 E. A. Mearns (not)

Pamphlo 208367 - Mexico 2 seeds

Sent to Bot. Gard. March 14/1901,

= 593 Goldman sent to Bot. Gard. March 16/1901

No Bot. Gard. sent to Ag. Dept.
April 1/1907

Idaho Jones 6591 Sent to Bot. Gard. April 2 1907

157 *Talinum rugosiforme*

158 *Casimiroa sapota*

159 *Agave Treleasei* Tourney

160 *Abutilon*

161
Orchid.

162

"

163

"

164

"

165

"

166

"

167

"

168

"

Minor. J. M. Holzner
Sent to Olson April 12/1907.

Cataca ~~Patton~~ Prof. Conzatti
Sent to O. 4-17-1907

Arizona J. M. Tournay
Sent to O. 4-17-1907

Parrulas No 7864 Cuernavaca Mexico
Sent to O. 4-23-1907.

Sent by J. B. Sleere S.A.

Sent to Dr. Agr. (Mr. O.) May 8/1907

169⁼²¹ *Cereus*
Ded.

170⁼¹⁹ "

171⁼¹⁸ *Cactus tuberculosa* O.K.

172⁼²³ *Echinocactus wrightii*

173⁼²⁵

174⁼²⁴

175⁼²⁸

176⁼²⁶ *Echinocereus roemerii*?
1 fl. & 1 bunch of spines taken

177⁼²⁷

178⁼²⁵

179 *Cedrela mexicana* Roem

180 *Allium*

Texas

V. Bailey

May 1907

"

"

Marathon Texas

"

May 15 1907

"

"

flowered in May 1907

Seed from Mexico sent by Dean Goff
1907 in May 1907

Seeds & bulb received from W. Hough
Holbrook Ariz. May 1901 sent to Olm May 27/07

181 *Amacacia edulis* ?

182 = 343

183 = 344 Dead & destroyed 10/20/09.

184 = 345

185 = 346

186 = 348 *Opuntia* 3 sp.

187 = 347 *Opuntia* ~~*opuntia*~~ *rufina* Engelm.
2 sp. *rufida*

188 = 349

189 = 350 ^{UPB}

190 = 5207 *Monarda*

191 *Cuscuta*

192 *Abutilon* sp.?

Seed obtained by Dr. Palmer at Slatillo Mex in 1898 and sent to Oliver May 31 1907
Vernon Bailey, Boquillas Texas May 1907

May 29/1901

2 seeds from Guadalupe No 672 Goldman
sent to Oliver June 7
Goldman No 638 Guadalupe 1907
sent to Oliver (June 8 1907) (Recd.)

193 *Ipomoea*

R. 4248
194 *Rubus*

195

196

197

198

199

200

5267
201 *Cissus*

6393
202 *Echeveria platyphylla* Roe
mucronata Schlecht. m.p.

Flowered Feb 1902 Mandy. Apr.

203 *Cactus con mamma* Roe

Callis 3/4

204 *Mammillaria*

1 1/2 ft

Tree 15 to 20 ft high Goldman's do 707

Sent to Oliver Jan 12 1901
Mt. St.

Valley of Mexico Jan 30 1901

203- *Fouquieria*

206 *Lefferanthus*

207⁼⁵²⁹⁷ *Oxalis*

208⁼⁵²⁷⁶ *Oxalis*

209 *Oxalis*

210⁼⁵²⁸² no herb sp.
Oxalis

211⁼⁵²⁹⁰ *Oxalis*

212⁼⁵²⁹¹ *Oxalis*

213 *Pepo*⁼⁵²⁸⁷

1 n 2 sp. 3 sp.

214 *Lefferanthus*

215⁼⁵²⁸³ *Arifolopars* (perhaps same as 5292)

216 *Gradiacotin crassifolia*
no sp. for herb.

exp.

27

Valley of Mexico

Near Dublin July 2

"

"

"

- 217 ⁼⁶⁴¹² *Celeveria maculata* Rose sp. nov.
^{no herb sp.} Brandg Afr. New.
- 218 ⁼⁶³⁹⁶ *Sedastium* ~~bracteatum~~ (DC) Ron
 Brandg. Afr. [#] flowered Nov 1907 n.s.
- 219 *Solanum*
- 220 *Erythraea*
- 221 *Tillandsia*
- 222 *Hymenocallis panicum*
 30± no herb sp.
- 223 *Cereus*
- 224 "
- 225 *Mammillaria*
- 226 *Cactus* sp.
- 227 ⁼⁶³⁹⁶ *Eryngium*
- 228 *Cereus*
 no herb sp.

Puerto de Exile

229 *Monarda*
no bulb of.

230⁼⁵³⁴⁶ *Hemerocallis*
11 bulbs

231
Orchid (no bulb of)

232 *Zillandrea benthiana*

233⁼⁵³⁰⁸ *Oxalis purpurea*

234 *Oxalis*
no bulb of

235 *Sedum*

236 *Echeveria glauca*

237 *Sedum*

238 *Begonia*

239 *Sedum batesii*

240 *Holma recurvata*

Yautepic July 5

Puerto de Ixtla.

Yautepic

Yautepic July 5

Solel in the market in City of Mexico 7-10

Santa Fe

July 11/97

241 *Tillandsia benthami*

242 *Daphne*

243⁼⁶³⁹⁷ *Begonia gracilis* HBK.

244 *Echeveria subrigida*
Cotyledon subrecta

245 *Cotyledon*

Dead Oct 11 1907

246 *Trametes*

247⁶⁴¹³ *Sedum falsii*
BRI. 681 *Cotyledon*

248⁼⁶³⁹⁵ *Sedum drounifolium* Rose
Miscium Lindl.

Flowered Dec 1 1907

249 *fern*

250 *Cactus punglii*

251 *Cactus*

252 *Zapote bonacho*

near Tlanpaya Hua July 12

near Tultenango July 13

fruit sold in Market City of Mexico

253

Palm seeds

254

Passiflora

255

Cotyledon

256

Senecio

dead Nov 8/207

257

Solanum

258

Senecio

259

⁵⁶⁰⁵

~~Sideroxylon~~ Altamiraura elongata Rose

260

Cotyledon

261

⁵⁶⁰¹
Mammillaria

262

⁵⁶⁰¹
Dasylirion

263

Sedum

264

⁵⁶⁰¹
Sedum

20 spec

C. P. Diaz

Jan 1907

fruit sold in markets of City of Mexico

In Piedregal near Halfo

On Soil of Sierra de Juchitán

Sierra de Pachuca July 20/21

265⁼⁵⁵²³ Rubus

266⁼⁵⁵⁴⁴

267^{Com.}
⁵⁵¹⁹ Solanum

268 *Diffenanthus*

269⁵⁴⁴⁰ *Cyrtandra* *Tapudae*

270⁵⁷⁷⁹ *Tillandsia*

271⁵⁷⁸⁷ *Cotyledon mucronata*

272 "

* 273 *Agave mammata*

274 *Agave*

275 *Agave peacockii*

276 *Cotyledon*

Hill near Ixtapalapa July 23,

Mt Orizaba alt. 1000 ft. July 26

In Plaza Chalchicomula July 27

In Patio Zóheli " "

To Huacana Puebla Aug 2

277 *Cotyledon*

278

Cactus red spines sharp angles

279 *Mammillaria* - *Cactus mutabilis* Scheidw.
round, very long spines

280 *Mammillaria* *repens* Purpus? small
round 1 central many lateral (27)

281 *Mammillaria* *canadensis*
round 3 or 4 spines dead 1920

282 *Opuntia*
fruit opened.

283 *Mammillaria* *sphacelata* Mart.
p. dect. oblong, 3/4 Dec 1910

284 " *elegans* P. DC.
round, 2 sp. flowered Dec. 1902

285 = 3952 tall *Cactus*

286 *Cissus*

287 *Tillandsia*
large fl.

288 " *smaller*

Im palio Tehuacan Aug 2 1907
Tehuacan Pueblo

- 289 Tillandsia
very small.
- 290 Hectia
- 291 Fouquieria
- 292 Euphorbia
- 293 Cotyledon
Villadia ramosissima Br
- 294 Nolua?
- 295 Yucca
- 296 Zephyranthes
- 297 Polypodium
- 298 Potato half wild
- 299 "
- 300 Cotyledon Oliveranthus elegans Rose
~~Oliveranthus elegans Rose~~ Branda. Afr Br

El Paso

Aug 4/87

Barro Colorado 1870

Barro Colorado near City of Panama

In cultivation at Barro Colorado, Panama

LHB.; Root; Berger Kew

301 Argemone

302 Zephranthus

303 = 6677
Myrtillea

304 = 6181
Schizocentron elegans.
L.H. Bailey

305 Tillandsia caespitosa (Lam.) Benth.
plant with outlabel in Green house
but probably belong here. Flowered 1904

306 = 6193
Epidendrum vitellinum Lindl.
Orchid. fls. orange

307 = 6194
Stenhopa bucephala Lindl.
fls. white

308 = 6195
Stenhopa bucephala Lindl.
fls. yellow

309 = 6196

310 = 3191

311 Ripe like
Lycaste aromatica Lindl.
leaves broad & thin

312 = 6121
Isotria medeolae (L.) Nutt.
leaves narrow fl. Oct 1904 & Oct 1905

Calchicomula

Tehuacan

Aug 1/1907

Jalapa

Aug 1907

Pon & Hay

Pon & Hay

313

leaves broad and thick

314

leaves narrower than the last

315

leaves small

316

6124
Corydallor Echeveria racemosa

Brandy Afr.

317

Green?

318

Tillandsia fasciculata Swartz.

Spikes long, base the root m.

319

Tillandsia

long narrow leaves

320

"

Spikes short dense

321

6398
Tillandsia vestita Klom + Schlett-

Caulescent

322

Teffersonia

323

Tillandsia like

324

Corydallor

In cultivation and over

As plant

flowered Oct-15/907 & Mar. 9, 1905

flowered Nov 23/907

Notes of J. J. J.

325

Amole

326

Potatoes purchased at Jalapa

327

328

+ bulbs

329 - *Talenium patens* wild
flowered June 1902

330 - *Talenopsis frutescens* Gray
Flowered Nov 1901. leaves in whole

331

Fragaria

332

Potatoes

333

Cactus

334

Cactus

335

Offals

336

Cissus

Aguascalientes Aug 20/07

7 5's Sefelo 2

Popocatepetl. Aug 22/07

Aguascalientes

Market, Guadalupe Aug 20/07

San Juan

337

Cochlearia dead!

338

- E. M. Smith

339 = (418) *Cereus*

Photograph with Mr. B.

340 = 6115 Dec-1910

341 = 6116

342 = 6128 *Pharos*343 *Musemopsis* nsp344 *Sedum* nsp

345 -

346 -

347 -

348 -

Guadalupe Mts Aug 9/1907 Vernon Bailey
 Sent to Greenhouse Oct 8/1907
 Seed sent to Dept. Ag. (Oleum) Oct 15
 T. & Smith Co.

"

"

Pringle 8612 - Mexico - 1907

Sent to ~~Pringle~~ Nov 11/1907

Mexico Pringle 8620 - 1907

El Salto Mex

nos 345-357 sent by Mr. Brockway
 Cardenas S.L. Mexico Nov 19/1907

349 -

350 -

351 -

352 *Rhynchosia*353 *Lupinus*354 *Nasturtium officinale*355 *Malvaviscus*356 *Cleome*357 *Cleome* n. sp.358 *Desymbrium*359 *Aracacia dissecta*360 *Ipomoea*

Mexico - 1901. Pringle's No. 8373.

" " " " 8343

" " " " 8494.

" " " " 8498

" " " " 8473

" " " " 8534.

" " " " 8492

" " " " 8613

" " Rose's No. 5318.

361 *Sammolina*

362 *Lupinus*

363

364 *Lupinus*

365 *Pucedanum leiolepis*

366 *Lupinus*

⁶³⁸⁸
367 *Polydon*

⁶³⁸⁹
368 *Polydon bracteolatus*

369 *Cereus*
= Goldman's 745 - 1 sp.

370 *Cereus* *rostratus*
= Goldman's 746 - 3 spp.

371 *Mamillaria*
= Goldman's 747 - 3 spp.

372 *Lophophora williamsii* Coulter
Goldman 748 - 8 spp.

Mexico, 1901.

Ros's No. 5551.

" " " " 5627.

" " " " 5554

" " " " 5628

California, 1901.

W. L. Jepson.

Mexico, 1901.

Ros's No. 5629.

Bot. Gard.

Bot. Gard.

Dept. Agr. Feb. 20/1902
Northern Mexico Jan 20 1902 2 Camargo, Tam. calis.

" " "

" " "

" " "

" " "

373² *Echeveria agavoides*

374 *Pseudosedum attenuatum*

Cotyledon Orcuttii NY Bot Gard no 12244

375 ~~*Pseudosedum*~~ *Stylophyllum acuminatum* Rm
"Cotyledon linearis" NY B.G. no 12249

376 *Pseudosedum edule*

NY Bot. Gard. 12255

377 *Dudleya*

Ded "Cotyledon vicida"

NY B.G. no 12243

378 *Dudleya*

"C. lanceolata"

NY B.G. no 12250

379 *Dudleya rubens*? *Cultiva Rose* *Afr.*

"C. attenuatum" no! *Brandy* NY B.G. no 12248

380

Sedum spathulifolium

⁼⁶³⁹⁴
381 *Echeveria*

⁼⁶³⁹²
382 *Echeveria*

⁼⁶⁴⁰⁰
383 *Hymenocallis*

2 shrubs.

ⁿ⁶¹⁰³
384 *Agave victoriae-reginae*
3 sp.

Plant grown in Bot Garden. source unknown
Flowered Feb 1902, from which color drawing.

San Diego Cal [San Juntin LC?] 1902

C. R. Orcutt,

Said to have come from "type locality" but perhaps not.

C. R. Orcutt 1902

near San Diego Cal 1902

C. R. Orcutt.

C. R. Orcutt 1902

near San Diego Cal.

C. R. Orcutt, 1902

["Gardens of California"] From "type locality" !!
C. R. Orcutt 1902 C. R. Orcutt

A

Bot Garden - source unknown March 1902

"

"

"

Found in Bot Gard. April 1902
North Mexico C. Nelson received April 26, 1902

3 385⁼⁶⁴⁰²

Cactus

3 386⁼⁶⁴⁰⁸ Sedum?

3 387 " variegatum

3 388 ~~Cotyledon~~ ~~occida~~ Stylophyllum viscidum BTR

Brandy Cfr.

3 389⁼⁶⁴¹⁰ Cotyledon3 390 "Echeveria ^{hoveyi} ~~peacockii~~ [no. 3]

3 391 Dudleya pulcherrima

3 392 Dudleya
Dead

3 393 Dudleya lanceolata

3 394 Dudleya

3 395 Dudleya nevadensis
dead Jan 2 1903

3 396 Dudleya

see 384

Harro

Los Angeles Cal

May 1902

San Diego Cal. from J.S. Brandegee May 1902

Cliff, Ocean Beach near San Diego Cal

Mrs J.S. Brandegee May 1902

Coronado Island

Mrs J.S.B. April 28, 1902

In cultivation N.Y. Bot. Gard. May 1902

Santa Ana River Riverside Co Cal 1902

No 3281 Hall in N.Y. Bot Gard

J.S. Brandegee near Banning Cal. 1902

N.Y. Bot Gard no 12976, from San Diego Cal
from Miss M.J. Brice

N.Y. Bot Gard. 12569 South Cal.

Nevada City Cal 1902

Sent by Miss A. Eastwood

Coast Bluff Monterey Cal. J.B. Davery
Collected May 1902

3 397 *Dudleya caespitosa*

3 398 *Dudleya*

3 399 *Dudleya*

3 400 *Pseudosedum edulis*
2sf.

3 401 *Dudleya pulcherrima*
Dudleya pulcherrima 1902

3 402 *Pseudosedum*
2sf. "Cot alternatum"

3 403 *Pseudosedum menthae*
"Cot alternatum"

3 404 "*Cotyledon californica*"
2sf.

3 405 *Dudleya*

3 406 *Dudleya* nsp.

3 407 "*Dudleya rubigera*" Brand

3 408 "*C. brevis*" No!!

San Francisco Sent by J. B. Davy 1902

Interior of Monterey Co Cal near Ventana Cone
Cal. May 1907 J.B.D.

Cal. locally uncertain Bot band near Cal.
J.B.D.

Barstow Cal. J.B.D.

18/9/97 San Bernardino J.B.D.

180/97 " " J.B.D.

— J.B.D.

No locality J.B.D.

N. California no definite locality J.B.D.

Probably from San Clemente Island Cal
from Mrs J. S. Brandegee

San Jose del Cabo L.C. J.S. Brandegee

Coast of Lower Cal J.S. Brandegee

421 Dudleya minor Rose ref.

422 Myrtillea

423 Dudleya pulverulenta
2 sp.

424 Dudleya lanceolata
2 sp. 1 dead Jan 1905

425 Cocksia fasciata

426 Sedum

427 Dudleya pulverulenta
1 dead destroyed

428 Cocksia

429 same as 428

430 Cocksia ~~puberula~~

431 " ~~rosea~~ Brandy. New Apr

432

432 Dudleya californica Benth

NY

Apr.

St. Gabriel Canon Los Angeles Co. Cal
Dr. Hare

June 1902
July 2/1902

Dr. Hare

Soldier's Home July 5/1902

Santa Monica Santa Barbara Co. Cal.

Alfred Coulter July 1902

NY Bot. Gard. sent from Europe

NY Bot. Gard. no. 14731

Redding Calif.

F. H. Stanton

July 1902

Marby Cliffs Santa Monica range Cal

Dr. Hare July 13/1902

Growing in Marby Bot. Gard

July 22 1902

Same 2 sps sent to West Bgs.

White Horse Collection July 26/1902

"

"

"

Falls of Squaw Creek 5 mi. below Phillips

R. H. Smith Co. Cal. J. H. Stanton

433

with 433

434

Nymphaea n.

435

"

436

Sorbaria retusa?

437

Sedum albidum Thunb.

438

Sedum stenophyllum

439

Stylaphyllon
Pseudosedum Karst.

440

" *insularis*

441

Sedum *Sorbaria eastwoodii*

442

Dudleya

25p.

leaves green.

443

Dudleya

45p.

444

Dudleya

25p.

concolor + branching.

Santamaria Lake July 1902
through D. B. MillerSpring Lake N. J. M. H. Lyon July 30 1902
Sent to OliverA. B. Miller for Lake Co. Cal
Aug 6 1902

C. Bennett Col. Aug 1902

B. Trask Santa Catalina Cal Aug 1902

" " " " " "

Red Mountain, Northern Mendocino Co Cal

Alice Caldwell Aug 1902

See also Aug 11 1902

H. Bragg Mendocino Co Cal. Aug 1902
A. CaldwellAlong the Coast, Porto California Aug 11 1902
A. Caldwell Aug 1902

- 445- Dudley goldmani Rose
 Brandage 45% *Afr.*
- 446 Dudley laxa Bant. & Rose 35% *Afr.*
- 447 Sedum goldmani
- 448 ~~Cichorium~~ Urbium cordifolium Rose
 58% *Afr.*
- 449 Dudleya nananum B. & R.
 (Ideal May 1903) 65%
- 450 Opuntia sp. 25%
- 451 Opuntia
- 452 "
- 453 "
- 454 ~~Cichorium~~ ~~nananum~~ ?
 (Cactus macrocarus)
- 455- "
- 456 "

Pine Valley, Head of Carmel River Cal.
 E. A. B. (No. 763) Aug 3 1902

Poses, Cal. grows along cliffs 200 ft. high
 overlooking the Sea. Aug 11 1902 No 765 E.A.B.

Pine Valley, Head of Carmel River Cal.
 Aug 3 1902 E.A.B. No 762

San Luis Obispo On E. Palms Aug 1902

Marble Falls Yosemite Oct 3 1902
 H.M. Hall & E.B. Batscock July 1902
 Lf. of Stone Mt. Ga. F.E. Aspinwall.

59% in Rock,

457 *Cereus*

458 "

459 "

460 *Apocynum*

461 *Chamaecarpha*

462 *Agave*

463

Cotyledon clavata

464 *Dioscorea rigida* Pers.
dead.

465 *Echeveria agavoides*

466 *Peacock*

467 *Sedum stenophyllum*

468 *Echeveria multicaulis*

White House Collection

Sept 3 1902

Low Cal.

Sept 1902 sp 1 year old. Jan 1902.

Specimen from White House Collection

Bogelmann - V.K. Chasnet 1902
see later Sept 3 1902

Wash. Botland

Sept 1902

- 469 *Sedum Douglasii*
470 *Sedum stenophyllum*
471 *Cotyledon palmi*
472 *Sedum retusum* Hemsl.
473 *Sedum greggii*
474 *Peperomia*
475 *Aspidistra* Ded
476 *Agave monensis*
477 *Dudleya brauntonii* R. & S. ded
478 *Sedum stenophyllum*
479 *Peperomia stenophylla*
480 *Dudleya*

493 *Dudleya oregonensis*
dead? (see p. 11)

494 *Urtica* 1 dead destroyed.

495- *Echinocactus parakecatus* Linn?
Cactus 1 sp. (10/13)

496
Cactus 3 sps (10/13)

497
Cactus 2 sps (10/13)

498 *Opuntia*
6 sps (10/13)

499 *Pachyphytum uniflora*

500

501 *Agave*

502 *Agave palmieri*

503 " *palmieri*

504 *Agave* 1 dead

Multnomah Falls Multnomah Co Oregon

C. P. Hildon July 27 1902

San Luis Potosi Dr. Palmer Nov 1902

(25 sps (10/13) 1)

Gr. 10/13 1

Camp Verde South of Prescott Arizona Nov 1902

Prof. A. J. P. Hildon

Globe Arizona

Huachuca Mts

Mr. F. Wagoner, 40 miles east of

Phoenix

through R. E. Hildon

R. E. Hildon

R. E. Hildon

- 505- *Sedum*
Lead Oct 1908
- 506 *Echeveria wolfolei* Rose
- 507 *Sedum pulchellum* ?
- 508 *Sedastrium rubicaulis* Rose ref
Br 11 *Pringle Brandy* n.y. Afr. ^{mp. LHB}
- 509 *Echeveria cuspidata* Rose sp. nov.
9 sp. *Pringle Brandy* ^{mp.}
- 510 *Echeveria glauca cuspidata* Rose
3 sp. Dec 1910 Afr
- 511 *Echeveria*
margin. pinkish 1 sp.
- 512 *Villosa cuneata* Shreve Rose
2 sp. 1 grad.
- 513 *Sedum Wrightii*
- 514 *Lenophyllum guttatum* Rose
Many specimens Br *Brandy* ^{mp.} Afr
- 515 *Talinum uniflorum* Rose
- 516 *Yucca Gilbertiana* Rose

Oregon

Stedden

Dr. Palmer ^{Los Cuervos} ~~San~~ Luis Potosi Nov. 1902

Dr. Ridgeway Ill. 1902

~~Saltillo~~

Nov. 1902

Kew ^{Zac} Concepcion del Oro Zacatecas
Saltillo

Zacatecas "Zac" Concepcion del Oro

" " " " " "

" " " " " "

S. F. Zaleski Fresh Springs, N.M. 1902
Plant sent to Steudner

517 *Agave magdalenae*

518 *Dudleya ~~multicaulis~~ ^{albiflora}*

519 *Dudleya ~~rigida~~ ^{sp.}*

520 *Schlotheimia orcuttii* Rose
Mex. ^{Br} ~~Dead~~ ^{ded} ^{Florid. May 1902}

521 *Dudleya ovata*

522 *Sedum Stahlia*

523 *Echeveria austrii* Rose ^{N.Y.} ^{fr.}

524 *Echeveria ~~metastachya~~*

525 *Sedum ^{Br} ~~metastachya~~ ^{glabrum}* Rose
^{12 sp.} ^{N.Y.} ^{mp.}

526 *Yucca ~~filifolia~~*
(see 516) ^{1 destr.} ^{3 sp.}

527 *Bursera microphylla*

528 *Echeveria linguae folia*

Col No 5144

Magdalena Bay Low Cal. J.S. Brandegee 1902

Ensenada North L.C. J.S. Brandegee Dec 1902

Low plant received from H. Cal. Dec 1902
probably from Hall.

Myrtland from Rose 1902

San Jose ^{California} ^{H. Pittier} Dec 1902
See letter of Dec 2 1902
Growth & collected sp.

Saltillo Tex Dr Palmer 1902

New Field Spr. Val. Ch. Gilbert Dec 20 1902

Arizona Maricopa Mts Dec 20 1902

Dr. R.E. Kuntze
Leaves sent for N.Y. Bot Gard. Dec 1902

541⁵³⁴ Dudleya
 542⁵³³ Dudleya compacta Rose
 107 June 1902

543 Pachyphyllum adenium, ded

544 " "
 Collected C. for Pachyphyllum.

545 " "
 Collected C. adenium

546 Dudleya parvifolia Rose Kew
 leaves broad, 1 dead ^H B.

547 Dudleya 1 dead destroyed
 leaves narrow

548 Altamira goldmani Rose & Gold
 Afr.

549 Begonia rub

550 Sedum nuttallianum

551 Dudleya
 narrow glaucous leaves

552 Dudleya farinosa B. & R.
 Cauliscent, broad and glaucous leaves

Hy 1301 Baden, Merced Lake
 San Francisco Co. C. P. Sheldon
 Hy 1302 Baden: Badin Beach San Francisco
 Cal. L. R. Abrams 1903
 Hy 1303 Baden. Feb 1903

Kend Baden 3 Feb 1903

San Bernardino Cal. Jan 30 1903

alt 12000 ft -
 Cerro de Patambran, Michoacan Feb 1903
 Goldman 719

Pangloss Mexico no 8690 March 6 1903

from Austin Texas March 1903

Monterey Cal. Mar 1903

553 Dudleya formosa B. & R.
Long branching erect stalks

554 Dudleya
Caespitosa leaves green.

555 Sedum stenophyllum
dead Oct 1903

556 Sedum spathulifolium

557 Dudleya 1 dead

558 Stylophyllum ^{attonessum} oscutii
dead Dec 20/1904

559 Dudleya cuneata Rose.
N. Y.

560 = part of 53
Tillandsia

Afr.

561 Dudleya
Dead leaves red but glaucous, thickish ovate

562 Dudleya ovata
leaves green glaucous ovate but narrowed

563 Dudleya
leaves elongated, glaucous, acute

564 Dudleya
similar to last but leaves ovate or

Monterey Cal
leaves glaucous

Miss Costant

"
Victoria British Columbia "15 March 1903"
J. R. Anderson

"
In San Luis Monterey Cal. March 1903.
Mrs. Allen
Said to be Capitium monument C. R. Wright
has come from but Don't know from L.C. March 31/1903

San Francisco Bay Low Cal.

Ballona near Beach alt 10 ft Los Angeles Cal 826
C. Braumton

Cahuena Hills etc 824
at base acute,
Los Angeles City etc No 823

Int Love (in common) etc 825 -
rare at base

- 565 *Dudleya Hallii*
leaves elongated thickish
- 566 *Tequila Vanhouttei*
8 bulbs.
- 567 *Calochortus punglii*
16 bulbs.
- 568 *Amorpha longiflora*
- 569 *Ranunculus scabelliflorus*
- 570 *Salvia*
- 571 *Solanum pelifolium*
- 572 *Prinoscedium*
- 573 *Oenothera heterophylla*
- 574 *Oenothera biennis*
- 575 *Megophyllum*
- 576 *Paronia*

- near River side Cal. H.M. Hall
glaucesc.
- Sierra de Zapotitan Mex C.S. Pyle 1902
- " " " "
- Mex " "
- Guadalupe Mex " "
- Alvarez Mex D. Palmer
- Palmer Nov 11
- " " "
- P. 138
- " " "
- P. 2060
- Reverchon. Texas 1902
- " Hadley Tex "
- " " "
- Nelson 1902 Mex

577

Leg

578

Brazil

579

Fouquiera sp. n. n. n.

580

Dudleya

581

Dudleya

582

Inodescens *reflexa* Raf
Mysy Flowered April 1896

583

Dudleya saxosa

584

Dudleya grandifolia

Brady.

Afr.

585

Dudleya "Graham" Grant
Cultrata R. n.

Afr.

Ded.

586

Orchid Dead

587

Sedum spathulifolium Berk

90

588

Gommaria
" oregonum "

Nelson 6519

Mex.

1903

"

6912

"

"

Guaymas - J. n. n. 1897.

Sausalito (near San Francisco Cal)

Mrs. Eastwood April 1902

San Miguel Island.

St Augustine Fla J. n. n. Beck April 1903

San Felipe San Diego Cal. C. R. Grant April 1903

W. n. n. Riverside Cal " " "

San Juan + Low Cal " " "

Oscar Zollner 10 mi east of Chetumal
Fla. 1903

Multronock Falls D. C. n. n.

"

"

"

"

58⁴ *Dudleya compacta* Roe
leaves wth glaucous

58⁸⁶ *Dudleya*
leaves glaucous

591 *Dudleya pulvinulata* Bunt. Roe
118^h fl. May 1913

592 *Stylidium* *adula*
Ded. 95^h

593 *Cortaderia* *halleti* *halleti*

594 *Dudleya culta* *halleti*
"C. halleti"

595 *Dudleya lanceolata*
98^h

596 *Dudleya pulvinulata*

597 *Dudleya*

598
Ded.

599

600 *Sedum*
Ded. *lanceolatum*

near San Francisco Cal. Miss Eastwood 1913

1903

Hills back of Foster San Diego Cal. H. M. Hall. April 1913

H. M. Hall Yosemite Falls Cal.
H. M. Hall 1902 No. 135. B. 289

C. A. Grant supposed to have come from
San Antonio

San Antonio back of San Diego Cal.
H. M. Hall No. 132

alt. 2000 ft. Monterey Canon. Dark range of *Sedum*
near Colorado Desert Davidson 1913

From San Diego Co. Coast

H. M. Hall No. 3949. May 11/1913

S. L. Hall May 14 No locality -
600? *Sedum spectabile*?

- 601 *Dudleya cuneifolia*
leaves glaucous
- 602 *Dudleya conferta* Pursh
leaves green.
- 603 *Coleovora picea*
- 604 *Coleovora*
2 sp. Dec-1910
- 605 *Coleovora*
(Dead 11/20/09)
- 606 " "
1 spec. dead Oct 09.
- 607 *Coleovora*
(Dead 11/20/09)
3 sp.
- 608 *Stylotyllem* var. *oblongifolia*
- 609 *Artemisia canescens*
- 610 *Cassia*
- 611 *Dudleya traubii* Pursh
3 sp. 1 dead **Brandy. Afr.**
- 612 *Mesquim bryanthemum aciculare*

Lake Merced San Francisco Cal May 13/1903
H. L. Gardner

C. R. Orcutt San Diego Cal 1913
in cultivation
Pampas Ixlocan, Mexico 1913

"

"

C. R. Orcutt 1902 L. C. of Colorado

C. R. Orcutt 1902 San Luis Potosi Mexico

Jarvis Mexico M. 2008

Los Angeles City Press 1903 No 882
Erbaumont #882
San Diego Cal Sept 20/03 No 12973
T. R. Rye

- 613 *Dudleya* ^{lunida Rose} ~~farinosa~~
1 dead root in WB (HSH)
- 614 *Stylophyllum* *occulis*
- 615 ⁶ *Gormania* *glauca*
Dead Oct 1903
- 616 ³ *Stylophyllum* *acuminatum* BGR
- 617 *Urbina* *Cordraya* Rose
mex.
- 618 *Dudleya* *farinosa*
Dead Oct 1903
- 619 *Gormania*
- 620 *Dudleya* *humilis* Rose
- 621 *Jillandzia* *balbisiana*
- 622 *Rhodola*
Dead
- 623 *Cotyledon* *indicum* 1 dead destroyed
- 624 *Celaena* *glauca* ^{van Hagen} Brandegee 1903
(see previous) Part of 236. Rose - Mexico

San Fernando Los Angeles Co. Cal. 1903

C F Baker Searsville Cal. San Mateo Co. Cal.
fls yellow; petals combed at base. Jan 1903
Lower Calif CR Orcutt

a part of 4486. Drawing made for this
(No 105)

Pepper Grove A. H. Hellyer Jan 1903

Seaside. Bluffs of C. C. EP. Shelton 1903

Hot Diablo Cal. Miss A Cartwood June 3
1903

Buba Burton & Shapiro April 1903

E. H. W. L. Burton 1903

Abrams from type collection

637 *Dudleya cotyledon*
 638 *Cactus macromis*? *Braudy. Afr.*

639 *Dudleya*

640 *Sedum pumilum*
~~*Sedum pumilum*~~ *Ran*

641 *Dudleya*

642 *Dudleya*

643 *Cotyledon octaffreni*

644 *Dudleya byceae* Bullen
N.Y.

645 *Telenium brevifolium*

646 *Dudleya albicans*

647

648 *Fernaria*

bulb

Orcutt 1893

Abrams Pacific Grove Cal.

Hy Bot Garden 16903

Lipocomb Fern A H Howell 1903

Arceut City Cal. *Jess Entwistle 1903*

Abrams, Spencer Valley Cal. near Julian
 1903.

Jepson Cliffs of Sea West Port Cal.
 June 25 1903.

San Luis Potosi Mex. Orcutt 1903

Coronado Islands John Scouffe 1903

John Magali from Ft Wingate NM.

" " Orcutt 1903

Purchase by Orcutt from A. H. Alverson with say
 "very rare, found it in the desert region of
 San Bernardino Co. Cal. of Alverson
 it belongs to K. Cal."

1903

649 *Dudleya*

650 *Echeveria angulosa*

651 *Echeveria glauca major*

652 *Sedum*

653 *Echeveria* ^{*scopulorum Rose*} *obtusifolia* *Rose*

654 *Dudleya* *helleri* *Rose* *fr. nov.* *Brady. Afr.* *Afr.*

655 *Sedum*

656 *Kormannia laxa*

657 *Dudleya ovalifolia*

Howard June 1909

658 *Dudleya*

Sent with 654

659 *Dudleya*

660 *Dudleya*

Shawbuck Valley San Jacinto Mts Cal
H. B. Hass June 29 1903

Ny 13 L No 13990 Kew 1902

1903

Ny 13 L 1899 J. B. Forbe

near Tres Marias above City of Mex
E. A. Goldman

1903

He. the one

Pacific Grove Cal. A. D. Heller July 1903

Sent by Miss Costwood near Crescent City Cal

Dr. A. Davidson San Gabriel Canon Los Angeles Cal.

Cal
July 1903
H. B. Hass Pacific Grove Cal. Alice Costwood

- 661 Echeveria
- 662 Gormania oregana
- 663 Gormania
- 664 Gormania laxa Britton
- 665 Dudleya laevis Rose New Afr.
- 666 Talinum lineare
- 667 Sedum
- 668 Cereus
1 distr.
- 669 Rhodola rosea
- 670 ^{#. 7105} Gormania humilis Britton
- 671 " oregana Phandg. Afr.
- 672 Sedum

This was labeled 381 but the ^{no 114} ~~document~~ ^{has} ~~has~~ a copy of labels. A drawing by ¹ J. W. Hengale Snodgrass (1903) ¹ ~~Washington~~

Lake Independence Cal. Hobb & Barne 1903

Waldo C. 1903 Geo. T. Rodneck

Near Los Angeles Co Cal. ^{E. Branton} Davidson 1903

Gustave Hummel Luling Tex 1903

Philis M. July 17 V. Bailey

Bay de Vert, Newfoundland, Wm. Palmer 1903
Above Donner Lake towards Donner Pass
California, Cal. ¹ A. A. Heller 1903

Ashford Wash. O. S. Allen

Mineral King ^{Cal.} Alice Eastwood
Aug. 4 1903.

673 *Sedum* ~~*altissimum*~~
674 *Gormania watsoni* Baillon
Sedum Oregonense Shotton
1 destr.

675 *Sedum Oregonum*?

676 *Sedum Gormania oregonum*

677 *Crassulac.*
Dead Oct-1903

678 *Sedum*

679 *Sedum nevii*

680 *Cotyledon*
(? *focumius*)

681 *Yucca*

682 *Echinaria purpusi* Brandege
2 plants *mellitulum*

683 *Sedum mellitulum* Rose. *Kew* LHB *Chp*
mp. B^h fruit in *Kew* N.Y. *Brady* *Afr.*

684 *madhouse Watson* *Jones* *Nov 12/03*

Mineral King, Cal. Alice Eastwood
Aug. 4. 1903
Oreg. E. P. Sheldon " 5 "

Victoria, B. C. Aug. 6. 1903

Ashford, Wash. Aug 25. 1903

Ashford, Wash. O. D. Allen. Aug. 31/1903

Knachua Mts. Ariz. M. E. Jones. Sept. 12. 03

Sweet Spring, W. Va. - C. S. Steele, Sept. 21/03

Afr.

Santa Maria River, 6 mi. below the Cuyana, San Luis
Obispo Co., Calif. L. J. Goldman, coll. (no. 23) Aug. 23/1903
Arizona, R. E. Kinyr, coll. (cfr. letter of 27 Sept. 1903)

Received Oct. 3/1903 From Germany. (no letter)

M. E. Jones Oct. 29, 1903 Sierra Madre, Mex.
On flat lava masses where a little soil
had collected in pockets, about 30 miles
west of Colonia Juarez, Chihuahua at 7400 ft

- 685 *Falsaria*
- 686 *Gormanna obtusata* Britton
Dead Oct-1903
- 687 *Sedum*
- 688 *Talenium brevifolium?*
- 689 *Echeveria* ~~formosa~~ *Campanulata* Kunt
6 sp. Cifer
- 690 *Argemone*
- 691 *Villadia nelsoni*
- 692 *Villadia* ^{Levis Rce spnd} ~~*guatemalensis*~~ N.Y.
- 693 *Echeveria* *Holwayi* Rce spnd N.Y.
- 694 *Dorstenia* ^{2 sp.} *Compare with Abiesi & subsp.* B. LHB.
- 695 = ~~236~~ *Sedum* *Campanulata* Rce N.Y.
- 696 *Echeveria* ^{25/2} *sp* N.Y.

- San Mateo* *San Mateo* Oct 1903
- Mt Edley San Juan Co Cal. E.B. Cofeland
Aug 18 1903 (12-5-1903) 6562 (through Balm)
Cucos Baldy Hill Jan 31 1902
H. Bailey *Chrysanthemum*
Near Holbrook Ar. D. H. Hough 1900
Dead only.
Squala *sp* *Holwayi* Nov 1903
- Cocacua* *Holwayi* ^{2 sp.} Nov 1903
- " " " "
- " " " "
- Eastern Base of San Jacinto Mts. Riverside Co Nov 1903
Hills of San Jacinto
H.C. Haase Flowered Nov
See MS note
- Etzatlan Jalisco Mex Pangle & Lozano Nov 1903

697 *Gylophyllum densifolium* Rose

698 *Dudleya*

699 *Sedum*

700 ~~see Book B for 700's.
700 *Sedum guffeyi*~~

701

702

703

704

705

706

707

708

Rust Bogue in canon south slope of San
Gabriel Canon Los Angeles Co Cal. 1903

see your release letter of 12/7/03, his
and Scisistosi, number 150/03.

Santa Rita Mts Arizona 1903 Greffelt

709

710

711

712

713

714

715

716

717

718

719

720

4284¹⁴



